



110503

15866 U.S. PTO

Practitioner's Docket No. 811_036

PATENT

NEW APPLICATION TRANSMITTAL

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 addressed to **Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450** on *November 5, 2003* under "EXPRESS MAIL" mailing label number **EL 975170144 US**.

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22278 U.S. PTO

10/702131



110503

Transmitted herewith for filing is the patent application of:

Inventor 1: Yoshinobu GOTO
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Nagoya-City, Aichi-Prefecture 467-8530
Japan

Title: HEATING SYSTEMS

1. Papers enclosed

A. Required for filing date under 37 CFR 1.53(b) (Regular) are:

- 14 Page(s) of Specification
- 1 Page(s) of Claims
- 1 Page(s) of Abstract
- 6 Sheets of Formal Drawings (Figs. 1-6(c))

B. Other Papers Enclosed

- ☒ A Patent Application Bibliographic Data Sheet
- ☐ A Preliminary Amendment
- ☐ An Information Disclosure Statement
- ☐ PTO Form-1449

2. Additional Papers to Follow Under Separate Cover

- ☒ A combined Declaration and Power of Attorney
☒ A Submission of Certified Copy of Priority Document and a certified copy of:

<u>Country</u>	<u>Application Number</u>	<u>Filing Date</u>
Japan	P2002-333,950	November 18, 2002

- ☒ An Assignment Transmittal and Assignment of the invention to:

NGK Insulators, Ltd.
 2-56, Suda-Cho, Mizuho-Ku
 Nagoya-City, Aichi-Prefecture 467-8530
 Japan

3. The correspondence address for this application is: Customer No. 025191

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4. Nonpublication Request Under 35 U.S.C. 122(b)(2)(B)(i)

- ☐ Applicants hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.
- ☐ Applicants hereby request that the attached application **not** be published under 35 U.S.C. 122(b).

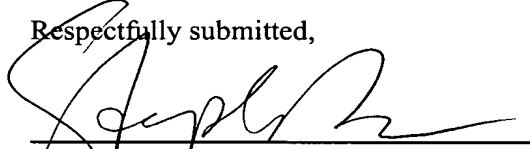
5. The filing fee has been calculated as shown below:

Basic Filing fee (37 CFR §1.16(a))				\$770.00
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	
Total Claims	8 - 20 =	0	× \$ 18.00	
Independent Claims	1 - 3 =	0	× \$ 86.00	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$290.00	
Surcharge fees (37 C.F.R. 1.16(e)--\$130.00) <input checked="" type="checkbox"/> late payment of filing fee <i>and/or</i> <input checked="" type="checkbox"/> late filing of original declaration or oath				\$130.00
TOTAL OF ABOVE CALCULATIONS =				\$900.00
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				
SUBTOTAL =				\$900.00
<input type="checkbox"/> Fee for processing an application filed with a specification in a non-English language (37 C.F.R. 1.17(i) and 1.52(d)--\$130.00)				
<input checked="" type="checkbox"/> Assignment Fee (37 CFR §1.21(h)--\$40.00)				\$40.00
TOTAL FEES DUE =				\$940.00

**6. Payment of Fees and Authorization to Charge Additional Fees
or Credit Overpayment**

- ☐ A check in the amount of _____ is enclosed.
- ☐ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-1446. A duplicate copy of this sheet is enclosed.
- ☐ Any additional filing fees required under 37 CFR 1.16.
- ☐ Any patent application processing fees under 37 CFR 1.17.

Respectfully submitted,



Stephen P. Burr
Reg. No. 32,970

November 5, 2003

Date

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